

REMARKS

The last Office Action of February 3, 2004 has been carefully considered. Reconsideration of the instant application in view of the foregoing amendments and the following remarks is respectfully requested.

Claims 1-8, 17-20 and 22 are pending in the application. Claims 1, 5, 17 and 18 have been amended. Claims 3 and 4 have been canceled. Claim 23-28 have been added. A total of 17 claims are now on file. No claim surcharge is due.

It is further noted that claims 1-8 are rejected under 35 U.S.C. §112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Claims 1-4, 6-8, 17, 19 and 20 stand rejected under 35 U.S.C. §103(a) as unpatentable over U.S. Pat. No. 4,638,745 (hereinafter "Sheffer") in view of U.S. Patent No. 2, 728,545 (hereinafter: "Hermitage").

It is noted that the allowability of claims 5 and 18 which were previously indicated allowable if rewritten in independent form to overcome the rejection under 35 U.S.C. §112 and to include all of the limitations of the base claim and any intervening claims has been withdrawn. Allowability of claims 1 and 17 which were indicated as allowable if applicant would amend the claims to overcome certain objections made to the specification was likewise withdrawn.

**REJECTION OF CLAIMS 1-8, 17-20, 22 UNDER 35 U.S.C. §103(a) AS BEING
UNPATENTABLE BY SHEFFER IN VIEW OF HERMITAGE**

In order to clearly distinguish the present invention from Sheffer, applicant has further amended the claims by setting forth that the end to end layers are marked on the inner side by score lines defined by a weakened material zone to realize folding of the blank. Support for this is found in the description on page 5, paragraph [0016].

As such the claims as amended patentably distinguish over the Sheffer reference since Sheffer explicitly states that the fiberboard is not pierced through any layer of the fiberboard so as not to weaken the material.

Furthermore, Sheffer is silent as to the layers being made from lined corrugated cardboard having flutes oriented in a particular direction. Sheffer only discloses fiberboard. Nothing in the reference points to lining of corrugated cardboards with directional flutes.

The Examiner has taken the position that Hermitage discloses the fluting as claimed. However, this is not the case. Hermitage does not specifically state the fluting direction, so the Examiner has pointed to Figs. 2-3. However, figures 2 and 3 are not showing any direction clearly. The fuzzy representation of the supporting members, if at all, appear to show the flutes extending transverse to the direction of the corrugated blank and in that manner teaches away from the claimed structure.

The claims as presently amended are thus believed to distinguish fully over the prior art.

Withdrawal of the rejection of claims 1-8, 17-20, 22 under 35 U.S.C. §102(b) and allowance thereof are thus respectfully requested.

CONCLUSION

Applicant believes that when the Examiner reconsiders the claims in the light of the above comments, he will agree that the invention is in no way properly met or anticipated or even suggested by the cited reference however it is considered.

None of the references discloses a rolled up formed body with end-to-end layers with flutes extending in the direction of the longitudinal axis and marked by inner score lines which consist of weakened material and secured to each other at the end portions of the layers.

In view of the above presented remarks and amendments, it is respectfully submitted that all claims on file should be considered patentably differentiated over the art and should be allowed.

Reconsideration and allowance of the present application are respectfully requested.

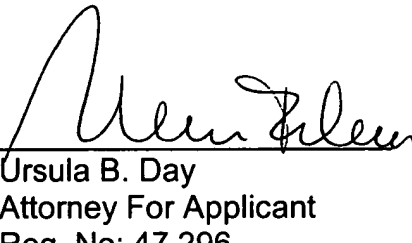
Should the Examiner consider necessary or desirable any formal changes anywhere in the specification, claims and/or drawing, then it is respectfully requested that such changes be made by Examiner's Amendment, if the Examiner

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feels this would facilitate passage of the case to issuance. If the Examiner feels that it might be helpful in advancing this case by calling the undersigned, applicant would greatly appreciate such a telephone interview.

The Commissioner is hereby authorized to charge fees which may be required, or credit any overpayment to Deposit Account No. 06-0502.

Respectfully submitted,

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**AMENDMENTS TO THE CLAIMS WITH MARKINGS TO SHOW CHANGES
MADE, AND LISTING OF ALL CLAIMS WITH PROPER IDENTIFIERS**

1. (Currently Amended) A formed body defining a longitudinal axis and including several sequentially disposed layers in end-to-end disposition which are rolled-up and made of lined corrugated cardboard having flutes extending in a direction of the longitudinal axis, each layer of the said layers having an inner side provided with a score line defining a weakened material area of the layer, and wherein at least some of the rolled-up layers are securely connected to one another through a form-fitting engagement to thereby maintain a structural integrity.
2. (Previously presented) The formed body of claim 1 wherein the form-fitting engagement of at least some of the adjoining one of the layers is implemented through interconnection of complementary tongues and openings.

Claims 3-4 (Cancel)

5. (Currently Amended) A formed body defining a longitudinal axis and including several successively disposed layers in end-to-end disposition which are made of lined corrugated cardboard having flutes extending in a

direction of the longitudinal axis, wherein at least some of rolled-up layers are securely connected to one another through a form-fitting engagement to thereby maintain a structural integrity, when the layers are rolled up, and ~~wherein~~ the form-fitting engagement of at least some of the adjoining one of the layers is implemented through interconnection of complementary tongues and openings, wherein each of the layers has an inner side provided with a score line and defining a weakened material area of the layer, said tongues and openings provided in the area of the score lines of the layers.

6. (Original) The formed body of claim 2, wherein the tongues and openings are so dimensioned as to engage in a frictional manner.
7. (Original) The formed body of claim 1, wherein the layers are made of corrugated cardboard lined on both sides.
8. (Original) The formed body of claim 1, wherein a last one of the layers forms an outer side of the formed body and is glued to a subjacent one of the layers.

Claims 9-16 (Canceled)

17. (Currently Amended) A formed body, comprising a strip-like blank made of corrugated cardboard and subdivided in a series of sections by spaced-apart score lines extending across the blank and having flutes extending in a direction of the longitudinal axis, wherein rolled-up successive sections are securely connected to one another through form-fitting engagement of a tongue formed in one section engaging an opening formed in an adjoining one of the sections during roll-up of the blank to form a multi-layered formed body to thereby maintain a structural integrity, when the layers are rolled up.
18. (Currently Amended) A formed body, comprising a strip-like blank made of corrugated cardboard and subdivided in a series of sections by spaced-apart score lines extending across the blank, wherein rolled-up successive sections having flutes extending in a direction of the longitudinal axis are securely connected to one another through form-fitting engagement of a tongue formed in one section engaging an opening formed in an adjoining one of the sections during roll-up of the blank to form a multi-layered formed body to thereby maintain a structural integrity, when the layers are rolled up, and wherein the tongue and opening engagement is provided in the area of each of the score lines.
19. (Original) The formed body of claim 17, wherein the tongue and the opening are so dimensioned as to engage in a frictional manner.

20. (Original) The formed body of claim 17, wherein a last one of the series of sections forms an outer side of the formed body and is glued to a subjacent one of the sections.

Claim 21 (Cancelled)

22. (Previously presented) The body of claim 17, wherein the tongue and opening engagement is provided in the area of each of the score lines.
23. (New) The formed body of claim 5, wherein the form-fitting engagement of at least some of the adjoining one of the layers is implemented through interconnection of complementary tongues and openings.
24. (New) The formed body of claim 5, wherein the tongues and openings are so dimensioned as to engage in a frictional manner.
25. (New) The formed body of claim 5, wherein the layers are made of corrugated cardboard lined on both sides.
26. (New) The formed body of claim 5, wherein a last one of the layers forms an outer side of the formed body and is glued to a subjacent one of the layers.

27. (New) The formed body of claim 18, wherein the tongue and the opening are so dimensioned as to engage in a frictional manner.

28. (New) The formed body of claim 18, wherein a last one of the series of sections forms an outer side of the formed body and is glued to a subjacent one of the sections.